

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of producing a superconductor, comprising the step of forming a superconducting layer on a base layer by performing a film deposition at least ~~two~~ three times, wherein the film thickness of a superconducting film made in each film deposition is 0.3 μm or less and the superconducting film having the film thickness of 0.75 to 3 μm is formed on the base layer.

2. (Canceled)

3. (Currently amended) A method of producing a superconductor according to claim 1 ~~or claim 2~~, wherein a supply area velocity of the base layer in each film deposition is at least 0.04 m^2/h .

4. (Original) A superconductor comprising a superconducting layer formed by performing film deposition on a base layer at least three times, wherein the superconducting layer has a layer thickness in the range of 0.75 μm to 3.0 μm , the film thickness of a superconducting film made in each film deposition being 0.3 μm or less.